

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Previously Presented) A method for evaluating system behavior of an application domain within a grid environment comprising the steps of:

identifying a host software object operating within a computing resource of said application domain, said computing resource within one grid of said grid environment;

associating a ghost software object located within said one grid to said host software object, wherein said associated ghost software object replicates actions of said host software executed within said one grid, and wherein said associated ghost software object records said replicated actions;

transferring said host software object from said computing resource in said one grid within said grid environment to another computing resource, said another resource within another grid within said grid environment; and,

responsive to transferring said host object to said another grid, transferring said associated ghost software object from said one grid to said another grid, wherein said associated ghost software object replicates said host software actions within said another grid, and wherein said associated ghost software object records said replicated actions in said another grid.

2. (Previously Presented) The method of claim 1, further comprising the step of:

determining usage statistics for said application domain based at least in part upon said recorded actions.

3. (Cancelled)

4. (Original) The method of claim 2, further comprising the step of:
optimizing performance of said application domain based upon said usage statistics.
5. (Original) The method of claim 1, wherein said replicated actions are passive actions, said method further comprising the step of:
preventing said replicated actions from operationally executing in said grid environment.
6. (Previously Presented) The method of claim 1, further comprising the steps of:
determining a location for logging data that is external to said associated ghost software object; and,
conveying said recorded replicated actions to said determined location.
7. (Previously Presented) The method of claim 1, further comprising the steps of:
disassociating said associated ghost software object from said host software object; and,
re-associating said ghost software object to a different host software object within a same one of said grids as said disassociated ghost software object.
8. (Previously Presented) The method of claim 1, further comprising the steps of:
cloning said associated ghost software object to create a cloned ghost object; and,
associating said cloned ghost object to a different host software object within a same one of said grids as said cloned ghost object.
9. (Previously Presented) The method of claim 1, further comprising the steps of:
selecting a plurality of host software objects within said application domain; and,

for each said selected host software object, repeating said associating step, said replicating step, said recording step, and transferring steps.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Cancelled)

21. (Cancelled)

22. (Cancelled)

23. (Cancelled)

24. (Cancelled)

25. (Cancelled)

26. (Cancelled).